

## *SDWB COMPLETES FEDERALLY REQUIRED ANNUAL COMPLIANCE REPORT*

The SDWB submitted the 1998 Hawaii Annual Compliance Report to EPA in July. The report provides an annual summary of the number of public water systems in the state, the number of violations incurred by these systems, and the number of systems in violation. There were 135 water systems in Hawaii at the end of 1998.

Violations were reported in the categories of Chemical Contaminant Group, Total Coliform Rule, Surface Water Treatment Rule (SWTR), and Lead and Copper Rule. For these groupings, Maximum Contaminant Level (MCL), treatment technique, and significant monitoring/reporting violations were tabulated. The number of violations of variances and exemptions are also reported. In 1998, 17 water systems incurred 106 violations.

For the chemical contaminants (organic, inorganic, and radiological), there were no violations for MCLs or treatment techniques. The Dairy Co. water system incurred 15 significant monitoring/reporting violations for failure to monitor for 14 organic chemicals and one inorganic chemical. For the Total Coliform Rule, eight water systems obtained nine MCL violations and four significant monitoring/reporting violations.

In Hawaii the majority of the violations were SWTR violations (78 of the 106 violations). Five systems were in violation for the entire year. These were: the DWS Hilo and South Kohala systems on Hawaii; the DWS Makawao system on Maui; the Kaluakoi system on Molokai; and the Mililani Memorial Park system on Oahu. Four systems were in violation for part of the year: the Mauna Kea State Park system on Hawaii; and the EMI Kailua, the DWS Upper Kula, and the DWS Honokohau systems on Maui.

By July 1999, the Mauna Kea State Park, DWS Makawao, DWS Upper Kula, and DWS Honokohau water systems had come into compliance with the SWTR. The remaining five systems serve an estimated population of 13,121 persons, or 1.0% of the total state population supplied by public water systems. The treatment plant for the South Kohala system is being upgraded, wells are being constructed for the DWS Hilo and EMI Kailua water systems, Kaluakoi is seeking an alternative method to transmit its source water, and Mililani Memorial Park has installed a microfiltration facility.

There were no violations of the Lead and Copper Rule, and no variances and exemptions were in effect in the state.

A summary of the Annual Compliance Report or a copy of the report itself, is available by contacting Ann Zane at (808) 586-4258.

## *"ARE WE PREPARED FOR Y2K?"*

We are now less than four (4) months away from determining the impact of the Y2K "Millennium Bug". Since providing safe drinking water is a vital public health concern, the Environmental Protection Agency (EPA) has asked the Safe Drinking Water Branch (SDWB) to gather information about Y2K preparedness. Therefore, the SDWB has sent out a Y2K survey to determine if public water systems have planned and are prepared for any problems that may arise.

The survey asks public water systems about the following:

- (1) Have Y2K impacts been assessed for your water system(s)?
- (2) Are adverse Y2K impacts expected for your system(s)?
- (3) If adverse impacts are expected, are plans underway to eliminate these impacts prior to January 1, 2000?
- (4) Have contingency plans been made to minimize or eliminate adverse Y2K impacts?
- (5) Is equipment required by the contingency plans currently available in numbers and types to meet the anticipated needs?

Water systems were asked to complete and return the survey to the SDWB on or before Friday, September 10, 1999. If you have not yet replied to this survey, please do so as soon as possible. Responses may be mailed to the Safe Drinking Water Branch, 919 Ala Moana Blvd., Room 308, Honolulu, Hawaii 96814, or faxed to the SDWB at (808) 586-4370, or you may call-in your response by contacting Mel Hamano at (808) 586-4258 or through the state toll free number from your island and extension 64258.

## **WORKSHOP ON NEW CRYPTOSPORIDIUM AND GIARDIA TEST METHOD**

The State Laboratories Division, Hawaii Department of Health will be presenting a workshop on EPA Method 1623: Cryptosporidium and Giardia in Water by Filtration/IMS/FA on November 2-3, 1999 (Session 1) and November 4-5, 1999 (Session 2) at the State Laboratories Facility, 2725 Waimano Home Road, Pearl City. This course is being provided free of charge; however, seating is limited.

This two-day "hands-on" training course will cover the newly approved Method 1623: Cryptosporidium and Giardia in Water by Filtration/IMS/FA. The workshop is designed to familiarize laboratory personnel with the theories and technologies necessary to understand and implement this new method. Participants will process actual samples from collection to analysis.

For more information or to register for this workshop, contact Kristine Kang, Environmental Microbiology Section at (808) 453-6601.

**IMPORTANT:** *Live organisms will be used in this course. All participants are required to provide their own lab coats and safety glasses for personal protection. Gloves will be provided.*

## **AWWA TO CONDUCT SATELLITE TELECONFERENCE ON NEW DISINFECTANTS/ DISINFECTION BY-PRODUCTS AND INTERIM ENHANCED SURFACE WATER TREATMENT RULES**

In December 1998, the USEPA promulgated Stage 1 of the Disinfectants/Disinfection By-Products Rule (D/DBPR) and the Interim Enhanced Surface Water Treatment Rule (IESWTR). These two rules are the beginning of a series of rules that will pose extremely challenging and potentially expensive operational issues for water utilities. Water treatment and distribution operations staff must understand what these rules will mean for their utility now, because the many changes in treatment and distribution practices required will take months, if not years, to implement completely.

On November 9, 1999, the American Water Works Association (AWWA) will conduct a live presentation via satellite on these new rules. At this satellite teleconference you will find out the impacts of these new rules on your water system, potential issues involved in compliance with these rules, how to comply with these rules without violating other rules, and tools and techniques available to water utility operators for compliance with these rules.

The satellite teleconference will be held at the Department of Health Laboratory at 2725 Waimano Home Road in Pearl City. The conference will be from 7:00 - 10:30 a.m. There may also be downlinks to the neighbor islands. The fee for the teleconference will be \$40.00 (payable to "AWWA Hawaii Section").

For more information or to register for the teleconference, contact Mark Yonamine at (808) 586-4258.

## **STAGE 1 D/DBP & INTERIM ENHANCED SURFACE WATER TREATMENT RULE WORKSHOP**

The Safe Drinking Water Branch and the Hawaii Section AWWA is scheduling a workshop on October 7-8, 1999 on the Stage 1 Disinfectant/Disinfection By-Product and the Interim Enhanced Surface Water Treatment Rules. The tentative workshop will be held at 919 Ala Moana Boulevard, 5<sup>th</sup> Floor Conference Room. The workshop will be conducted by McGuire Environmental Consultants, Inc. in conjunction with the national AWWA organization. Due to the cost of bringing the trainers to Hawai'i, there will be a fee of \$100.00 (payable to "AWWA Hawaii Section") for attending this workshop. Also the class will be limited in size. Please contact Mark Yonamine at (808) 586-4258 for advance reservations.

## CONSUMER CONFIDENCE REPORT TRAINING COMPLETED

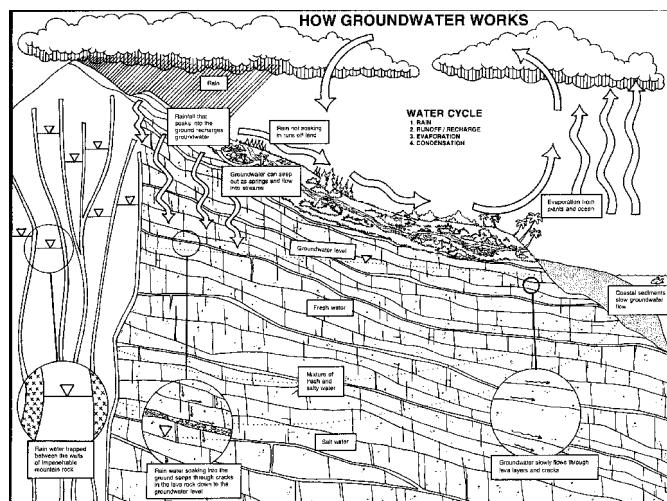
The SDWB has completed its Consumer Confidence Report (CCR) training sessions and is now working with water purveyors in providing technical assistance in preparing the annual reports and in reviewing draft reports from water systems.

As of September 21 and with a little less than one month before the October 19, 1999 deadline for delivering the first consumer confidence reports, the Honolulu Board of Water Supply, Hawaii Department of Water Supply, as well as other water purveyors have begun delivering the first annual Consumer Confidence Reports. Draft or final CCRs have been reviewed by the SDWB for 74 public water systems or 61 percent of the water systems required to prepare and deliver consumer confidence reports. Beginning next year and each year thereafter, the annual CCR deadline will be July 1.

To have your CCR reviewed, submit your draft report to the Safe Drinking Water Branch by mail to 919 Ala Moana Boulevard, Room 308, Honolulu, Hawaii 96814 or by fax at (808) 586-4370. For technical assistance in preparing the CCR, contact the Safe Drinking Water Branch at (808) 586-4258 or call toll-free from the neighbor islands by calling 974-4000, ext. 64258 from Hawaii, 274-3141, ext. 64258 from Kauai, 984-2400, ext. 64258 from Maui, or 1-800-468-4644, ext. 64258 from Molokai or Lanai.

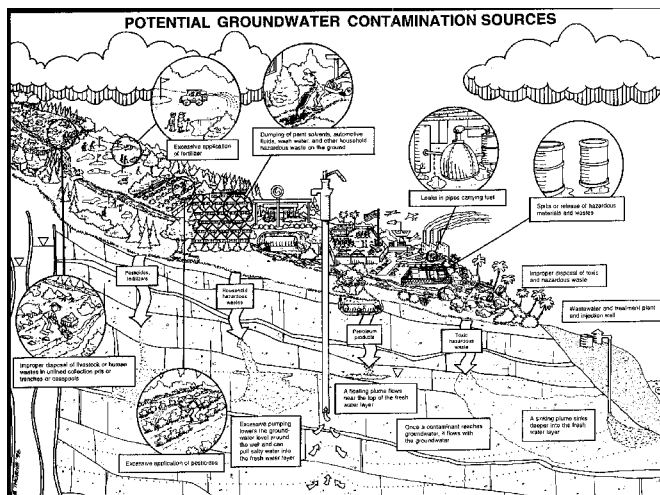
**DIAGRAMS FOR CONSUMER CONFIDENCE REPORT AVAILABLE FROM SDWB**

For public water systems still drafting their Consumer Confidence Reports, the Safe Drinking Water Branch has two diagrams that may be useful in your water system's consumer confidence reports. The diagrams are: "How Groundwater Works" and "Potential Groundwater Contamination Sources". These diagrams are from the poster "Hawai'i's Groundwater" (produced by the Hawai'i Department of Health with funding from the U.S. Environmental Protection Agency in 1996).



These diagrams are available in Microsoft Word and Corel Word Perfect formats. To obtain copies of these diagrams, send one high density diskette, along with a request for the ground water and contamination diagrams to the Safe Drinking Water Branch, 919 Ala Moana Blvd. Room 308, Honolulu, Hawaii 96814. You may also request that the diagrams be sent via e-mail.

Actual color posters may also be requested by contacting the Groundwater Protection Program, Safe Drinking Water Branch.



# Water System Utility Management Workshop

**SAVE THESE DATES!**

**REGISTER EARLY — SPACE IS LIMITED!**

October 14 - 15, 1999

October 18 - 19, 1999

October 21 - 22, 1999

Hilo – Department of Health Environmental Health Facility

Kona – Natural Energy Laboratory of Hawaii Authority, Keahole Point

Oahu – Sand Island Wastewater Facility, Honolulu

November 18 - 19, 1999

November 22 - 23, 1999

November 29 - 30, 1999

Maui – Department of Health, Wailuku

Kauai – County Department of Water, Lihue

Oahu – Department of Health Laboratory, Pearl City

Water System owners, managers and supervisors are invited to attend a two-day workshop on Utility Management. Participants will learn the principles involved in managing a water utility and individual knowledge and skills will be enhanced by interactive participation. Upon successful completion of this 16-hour course, participants will receive a certificate of completion.

## Workshop topics will include:

z The Functions of a Manager  
z Safety Programs  
z Employment Policies & Procedures

z Financial Management  
z Staffing

z Operations & Maintenance  
z Public Relations



This event is sponsored by the Hawaii Department of Health with funding from the U.S. Environmental Protection Agency. The workshops are presented by Rural Community Assistance Corporation and Rural Water Specialty.

**For registration information, please contact:**  
Rural Community Assistance Corporation (RCAC)  
234 Waianuenue Ave., Suite 218  
Hilo, HI 96720  
Visit RCAC's web site at [www.rcac.org](http://www.rcac.org)

Phone: 808/934-8987  
Fax: 808/969-7727  
E-mail: [gjohanse@rcac.org](mailto:gjohanse@rcac.org)

## Registration Form for Water System Utility Management Workshop

Please indicate your first and second preferences

\_\_\_ Oct. 14 - 15 Hilo  
\_\_\_ Oct. 18 - 19 Kona

\_\_\_ Oct. 21 - 22  
\_\_\_ Nov. 22 - 23

Oahu  
Kauai

\_\_\_ Nov. 18 - 19 Maui  
\_\_\_ Nov. 29 - 30 Oahu

NAME \_\_\_\_\_ TODAY'S DATE \_\_\_\_\_  
TITLE \_\_\_\_\_ ORGANIZATION/COMPANY \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY/STATE/ZIP \_\_\_\_\_ ISLAND \_\_\_\_\_  
I AM REPRESENTING \_\_\_\_\_ WATER SYSTEM  
WORK PHONE \_\_\_\_\_ FAX \_\_\_\_\_  
E-MAIL ADDRESS \_\_\_\_\_

There is no fee to attend. Workshop course book and materials will be provided.  
Meals are not included.  
You will be notified upon acceptance of registration.

## SAFE DRINKING WATER BRANCH STAFF

William Wong	Branch Chief
Gail Masaki	Clerical Staff
Lorraine Asano	Clerical Staff
Clint Hew-Lin	Clerical Staff
Shirley Mariano	Clerical Staff
Amy Higa	Clerical Staff
Lawrence Whang	Engineer (WTPO)

Operator Certification

### ENGINEERING SECTION

Stuart Yamada	Engineer
Denise Dang	Engineer
Queenie Komori	Engineer
Donald Yasutake	Engineer
Mark Yonamine	Engineer

Supervisor  
DWSRF  
New Source Approvals, HISWAP  
Pb/Cu, Capacity Development  
IESWTR, D/DBPR

### COMPLIANCE SECTION

Ann Takushi Zane	Engineer
Mel Hamano	Engineer
Nora Macariola-See	Engineer

Supervisor

CCR

### MONITORING SECTION

Wendell Sano	Environmental Health Specialist
Daniel Chang	Environmental Health Specialist
David Kawahara	Environmental Health Specialist
Bruce Koike	Environmental Health Specialist
John Topliss	Environmental Health Specialist

Supervisor, HISWAP  
Monitoring, HISWAP, CCR data  
Monitoring  
Monitoring  
Monitoring

### GROUNDWATER PROTECTION SECTION

Chauncey Hew	Geologist
Jaime Rimando	Geologist
Norris Uehara	Geologist

UIC Program, HISWAP  
UIC Program  
UIC Program

### NEIGHBOR ISLAND STAFF

Harold Eichelberger	Registered Sanitarian
Gordon Muraoka	Registered Sanitarian
Paul Okuna	Registered Sanitarian
Glenn Tomori	Registered Sanitarian

Kauai staff  
Maui, Molokai staff  
West Hawaii staff  
East Hawaii staff

## TELEPHONE NUMBERS

	<u>Telephone Number</u>	<u>FAX Number</u>	<u>Toll-free Number to reach Honolulu Office</u>
HONOLULU:	586-4258	586-4370	-----
KAUAI:	241-3323	241-3566	274-3141, ext. 64258
MAUI:	984-8234	984-8222	984-2400, ext. 64258
WEST HAWAII:	322-7011	324-0028	974-4000, ext. 64258
EAST HAWAII:	933-0401	933-0400	974-4000, ext. 64258
MOLOKAI/LANAI:	-----	-----	1-800-468-4644, ext. 64258

*The Water Spot is published by the Safe Drinking Water Branch, Environmental Management Division of the Hawai'i State Department of Health and is distributed to water purveyors, water system operators, staff, consultants, and other interested parties.*

*The Water Spot may also be viewed on the Safe Drinking Water Branch's web site at:  
<http://www.hawaii.gov/health/eh/sdwb>*

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*Please send your suggestions, ideas, questions or comments to:* **THE WATER SPOT NEWSLETTER**  
**Safe Drinking Water Branch**  
**State Department of Health**  
**919 Ala Moana Blvd., Room 308**  
**Honolulu, Hawaii 96814**

**OR** Fax us at (808) 586-4370, Attn: "**THE WATER SPOT**"  
**SDWB WEB SITE:**  
<http://www.hawaii.gov/health/eh/sdwb>  
**HISWAP WEB SITE:**  
<http://www.aloha.net/~will/hiswap.html>

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**BENJAMIN J. CAYETANO**  
Governor of Hawaii

**BRUCE S. ANDERSON, Ph.D.**  
Director of Health

**GARY GILL**  
Deputy Director for  
Environmental Health

**The Water Spot**  
**Safe Drinking Water Branch**  
**Environmental Management Division**  
**Hawai'i Department of Health**  
**919 Ala Moana Boulevard, Room 308**  
**Honolulu HI 96814**

**004 H 376**

